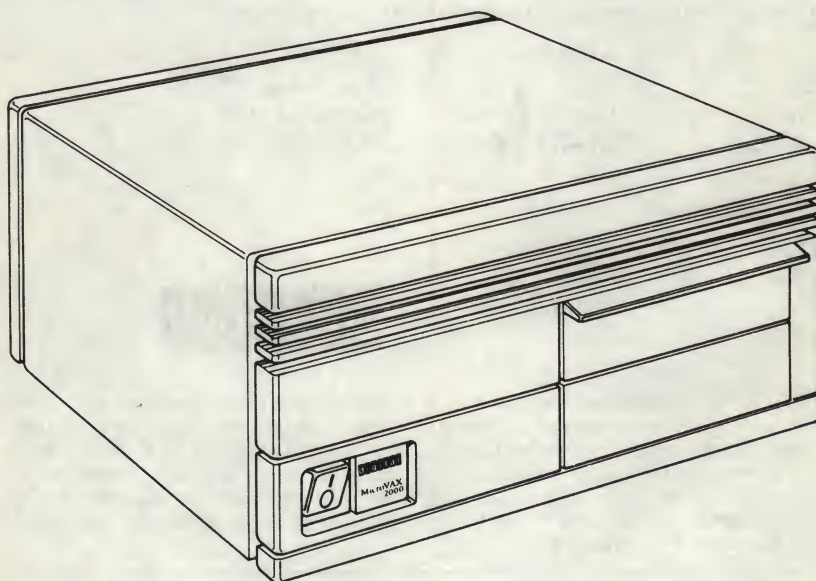


# **MicroVAX 2000 Installation Guide Addendum: DST32 Synchronous Serial Line Option**

Order Number EK-SYNCH-IN-001



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**digital equipment corporation  
maynard, massachusetts**

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## 1 Introduction

The DST32 serial line option for the MicroVAX 2000 provides one synchronous serial line for the MicroVAX 2000. The option comprises one controller module, one driver/receiver module, internal cabling, and a connector in opening "C" on the rear of the expansion adapter. In addition, an external cable is required for the connection of a host computer or modem to this serial line.

You can order a new system with this option already installed. If you want this option installed in a system already on your site, a qualified service representative must perform the installation of this option. The user can then make the external cable connections.

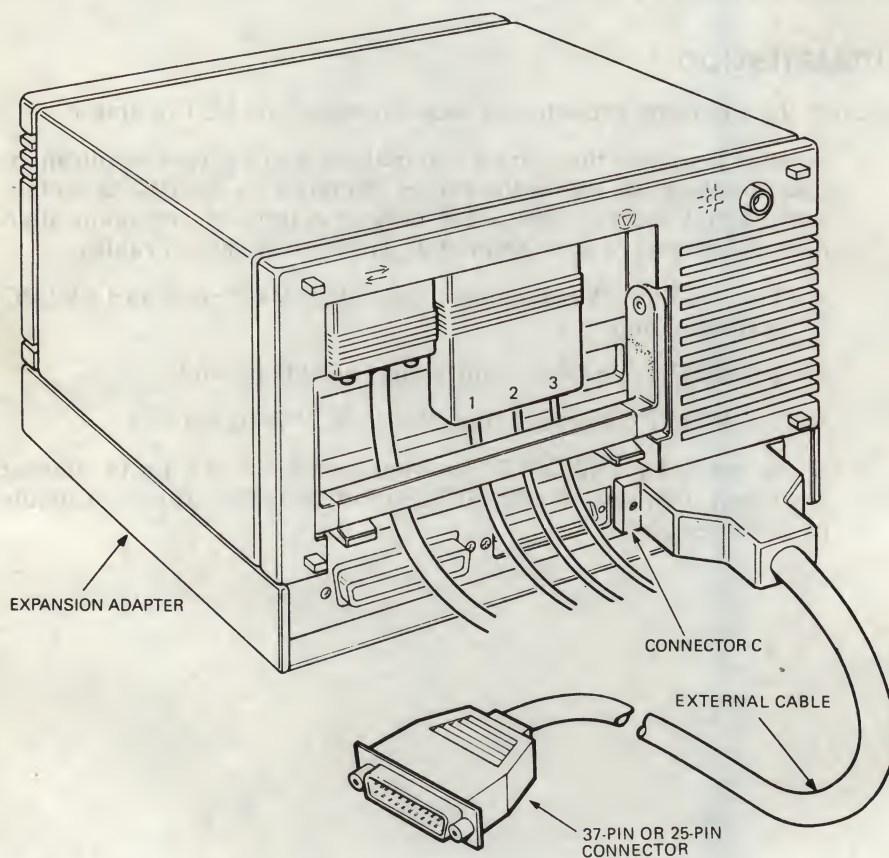
## 2 Installation

Complete the following sequence of steps to install the DST32 option.

1. Be sure you have the correct external cable(s) for your application. The following list shows the cables offered with the DST32 option. You should receive cables for only one type of communication protocol as part of your shipment. They are all 50-pin cables.
  - For RS232/V.24 communications: BC19V-02 cable and RS232C adapter connector
  - For RS422/V.36 communications: BC19U-02 cable
  - For RD423/V.10 communications: BC19W-02 cable

If you are using RS232/V.24 communications, and want to connect a modem, you also need a BC22F modem cable. This is available in many lengths.

2. Power down all peripherals (terminals, expansion boxes, printer, etc) and the MicroVAX 2000 system unit.
3. Insert one end of the external cable into connector C on the back of the expansion adapter, as shown.
4. Insert the other end of the external cable into the appropriate connector on the host computer or modem that you want to connect.
5. Power up all terminals, expansion boxes, printer, and other peripherals connected to the MicroVAX 2000.



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6. Power up the host computer and modem connected to the external cable.
7. Finally, power up the MicroVAX 2000 system unit.

The console terminal (the one connected to connector 1 on the DEC423 converter on the back of the system unit) should display the following:

KA410-A V2.1

F...E...D...C...B...A...9...8...7...6...5...4...3...2...1...

? C 0080 0000.4001

**NOTE:** *The question mark and associated letters and numbers above are normal power-up indications in the MicroVAX 2000, and do not denote a failure.*



8. At the console prompt (>>>) type TEST 50 and press Return. The console terminal should display the following configuration table.

```
KA410-A V2.1
ID 08-00-2B-02-CF-A4

CLK      0000.0001
NVR      0000.0001
? DZ     0000.4001
00004001 000000001 000000001 000000001 00000000 00000000
MEM      0004.0001
00400000
MM       0000.0001
FP       0000.0001
IT       0000.0001
HDC      1710.0001
000146B8 00000000 00000320
TPC      0000.4001
FFFFFF03 FFFFFFF05 FFFFFFF05 FFFFFFF05 FFFFFFF05 FFFFFFF05 FFFFFFF05
SYS      0000.0001
DST_32   0000.0001
NI       0000.0001

>>>
```

**NOTE:** The question mark associated with the DZ mnemonic is a normal power-up indication in the MicroVAX 2000, and does not represent a failure.

If you see the display as shown above, you have successfully completed the DST32 option installation. If you do not see the above display, review this document to make sure each step has been completed. Repeat the power up and T\_00000050.

If your display still does not match the one above, refer to the *MicroVAX 2000 Owner's Manual* and the *DST32 Option Addendum to the MicroVAX 2000 Owner's Manual* for troubleshooting procedures.

If you still have problems after installing this option, call a service representative.

1. The first part of the report is a general  
description of the project and its objectives.

2. The second part of the report is a detailed  
description of the methodology used in the study.

3. The third part of the report is a detailed  
description of the results of the study.

4. The fourth part of the report is a detailed  
description of the conclusions of the study.

5. The fifth part of the report is a detailed  
description of the recommendations of the study.

6. The sixth part of the report is a detailed  
description of the limitations of the study.

7. The seventh part of the report is a detailed  
description of the future work.

8. The eighth part of the report is a detailed  
description of the acknowledgments.

9. The ninth part of the report is a detailed  
description of the references.

10. The tenth part of the report is a detailed  
description of the appendices.